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2/3",25mm,F1.4,C-mount,ViSWIR Singleband

Computar ViSWIR Lite Lenses

Stock **#74-619** NEW **1 In Stock**

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A$1,318.00

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General

Model Number:
M2514-VSW

Imaging Lens Type:
Fixed Focal Length SWIR Lens

Physical & Mechanical Properties

Iris Option:
Variable Iris

Length (mm):
36.00

Maximum Diameter (mm):
44.5

Outer Diameter (mm):
32.00

Weight (g):
71.2

Maximum Rear Protrusion (mm):
6.10

Maximum Length (mm):
36.0

Optical Properties

Horizontal Field of View @ Max Sensor Format:
20.0°

Horizontal Field of View, 1/2" Sensor:
14.6° (H6.4)

Horizontal Field of View, 1/4" Sensor:
7.3° (H3.2)

Maximum Image Circle (mm):
11.00

Wavelength Range (nm):
400 - 1700

Focal Length FL (mm):
25.00

Working Distance (mm):
300 - ∞

FOV @ Max Sensor Format, H x V (mm):
Horizontal: 20.0°
Vertical: 15.1°
Diagonal: 24.9°

Aperture (f/#):
f/1.4

Back Focal Length BFL (mm):
13.1

Entrance Pupil Position (mm):
15.78

Object Space Principal Plane (mm):
23.77

Image Space Principal Plane (mm):
24.00

Maximum Distortion (%):
-0.30

Exit Pupil Position (mm):
-44.5982

Lens Wavelength Range:
VIS-SWIR

Wavelength:
VIS, SWIR

Sensor

Optimized Sensor Format:
2/3"

Maximum Sensor Format:
2/3"

Resolution (Megapixels):
1.50

Threading & Mounting

Filter Thread:
M30.5 x 0.50

Mount:
C-Mount

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Outstanding Cost to Performance Ratio from the VIS to SWIR
- 1.5 MegaPixels, 1/2'' or 2/3'', C-Mount
- Focal Lengths Ranging from 5 - 50mm

Computar ViSWIR Lite Lenses are compact lenses that deliver outstanding cost-performance for single-wavelength lighting and narrow-band imaging. Utilizing a multilayer coating that absorbs specific wavelengths to minimize adverse lighting effects, these lenses ensure precise imaging is achieved. The broadband anti-reflection coating offers high and stable transmission across a wide wavelength range from 400nm to 1,700nm. Computar ViSWIR Lite

Lenses are available in 1/2'' and 2/3'' sensor formats, an easily integratable C-mount design, and focal lengths that range from 5 to 50mm. These lenses are ideal for non-visible range imaging in applications across Agricultural, Medical, and Remote Sensing industries.

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